

Seq ID 1

091117525

RESULT 4  
 CNECOREP1  
 LOCUS CNECOREP1 1426 bp DNA PLN 18-FEB-1993  
 DEFINITION C.nucifera (Ecorep1) repetitive sequence.  
 ACCESSION X70874  
 VERSION X70874.1 GI:22679  
 KEYWORDS copia-like element; EcoRI family; repetitive sequence.  
 SOURCE Cocos nucifera.  
 ORGANISM Cocos nucifera  
 Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;  
 euphyllophytes; Spermatophyta; Magnoliophyta; Liliopsida;  
 Arecaceae; Cocos.  
 REFERENCE 1 (bases 1 to 1426)  
 AUTHORS Rohde,W.  
 TITLE Direct Submission  
 JOURNAL Submitted (20-JAN-1993) W. Rohde, Max-Planck-Inst fuer  
 Zuechtungsforschung, Carl-von-Linne-Weg 10, 5000 Koeln 30, FRG  
 REFERENCE 2 (bases 1 to 1426)  
 AUTHORS Rohde,W., Salamini,F., Ashburner,G.R. and Randles,J.W.  
 TITLE An EcoRI repetitive sequence family of the coconut palm Cocos  
 nucifera shows sequence homology to copia-like elements  
 JOURNAL Unpublished  
 COMMENT See X70873-X70875 for related sequences.  
 FEATURES Location/Qualifiers  
 source 1..1426  
 /organism="Cocos nucifera"  
 /strain="Western Samoa ecotype"  
 /db\_xref="taxon:13894"  
 /germline  
 /haplotype="diploid"  
 /dev\_stage="vegetative"  
 /tissue\_type="leaf"  
 /clone\_lib="NM1149"  
 /clone="pEcorep4510"  
 gene 850..1426  
 /gene="Ecorep1"  
 misc\_feature 850..1426  
 /gene="Ecorep1"  
 /note="homology to copia"  
 BASE COUNT 462 a 250 c 307 g 407 t  
 ORIGIN

Query Match 100.0%; Score 21; DB 8; Length 1426;  
 Best Local Similarity 100.0%; Pred. No. 0.35;  
 Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 gtattgtacgtggatgacatc 21  
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 Db 1343 GTATTGTACGTGGATGACATC 1363

SID 2  
 RC 5-23

SID2

RESULT 5  
 CNECOREP2/c  
 LOCUS CNECOREP2 1422 bp DNA PLN 18-FEB-1993  
 DEFINITION C.nucifera (Ecorep2) repetitive sequence.  
 ACCESSION X70875  
 VERSION X70875.1 GI:22680  
 KEYWORDS copia-like element; EcoRI family; repetitive sequence.  
 SOURCE Cocos nucifera.  
 ORGANISM Cocos nucifera  
 Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;  
 euphyllophytes; Spermatophyta; Magnoliophyta; Liliopsida;  
 Areaceae; Cocos.  
 REFERENCE 1 (bases 1 to 1422)  
 AUTHORS Rohde,W.  
 TITLE Direct Submission  
 JOURNAL Submitted (20-JAN-1993) W. Rohde, Max-Planck-Inst fuer  
 Zuechtungsforschung, Carl-von-Linne-Weg 10, 5000 Koeln 30, FRG  
 REFERENCE 2 (bases 1 to 1422)  
 AUTHORS Rohde,W., Salamini,F., Ashburner,G.R. and Randles,J.W.  
 TITLE An EcoRI repetitive sequence family of the coconut palm Cocos  
 nucifera shows sequence homology to copia-like elements  
 JOURNAL Unpublished  
 COMMENT See X70873-X70875 for related sequences.  
 FEATURES Location/Qualifiers  
 source 1. .1422  
 /organism="Cocos nucifera"  
 /strain="Western Samoa ecotype"  
 /db\_xref="taxon:13894"  
 /germline  
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 /dev\_stage="vegetative"  
 /tissue\_type="leaf"  
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 /clone="pEcorep4512"  
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 /gene="Ecorep2"  
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 /gene="Ecorep2"  
 /note="homology to copia"  
 BASE COUNT 480 a 262 c 286 g 394 t  
 ORIGIN

Query Match 100.0%; Score 19; DB 8; Length 1422;  
 Best Local Similarity 100.0%; Pred. No. 20;  
 Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 tttttctacttcatgtctga 19  
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 Db 23 TTTTCTACTTCATGTCTGA 5